

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No: To Be Assigned  
Applicants: Hirokazu KOBAYASHI, et al.  
Filed: Herewith  
Title: MOBILE COMMUNICATION DEVICE, MOBILE ROUTER  
AND MOBILE COMMUNICATION SYSTEM  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MAT-8606US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PCT***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following references are not in the English language:

- 1) JP 2003-319461
- 2) JP 2003-283546
- 3) JP 09-172451
- 4) JP 2000-013823
- 5) JP 2000-244601
- 6) JP 2002-507343
- 7) JP 2003-514442

References 1) to 5) include an English language abstract. Further, Reference 6) includes an English language abstract from WO 98/56140.


References 4) and 7) also include a "concise explanation" under 37 CFR § 1.98(a)(3) as set forth in the specification.

Also, Reference 7) has a counterpart English language patent or application attached.

Further, References 1) to 3) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of the International Search Report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

This Information Disclosure Statement is being filed concurrently with  
the above-referenced application.

Respectfully submitted,



Daniel N. Calder, Reg. 27,424  
Attorney for Applicants

DNC/fp

Enclosures: PTO Form 1449 (2 sheets)  
Copies of (8) References  
English translation of International Search Report

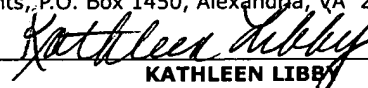
Dated: October 15, 2004

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

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KATHLEEN LIBBY

Substitute for Form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number

To Be Assigned

10/511565

Filing Date

Herewith

First Named Inventor

Hirokazu KOBAYASHI, et al.

Art Unit

To Be Assigned

Examiner Name

To Be Assigned

Attorney Docket No.

MAT-8606US

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP 2003-319461 A (with English abstract)	11/07/03	DENSO CORP		<input type="checkbox"/>
		JP 2003-283546 A (with English abstract)	10/03/03	MITSUBISHI MATERIALS CORP		<input type="checkbox"/>
		JP 09-172451 A (with English abstract)	06/30/97	SONY CORP		<input type="checkbox"/>
		JP 2000-013823 A (with English abstract)	01/14/00	NTT MOBIL COMMUNICATION NETWORK INC		<input type="checkbox"/>
		JP 2000-244601 A (with English abstract)	09/08/00	MITSUBISHI MATERIALS CORP		<input type="checkbox"/>
		JP 2002-507343 A (with English abstract from WO 98/56140)	03/05/02	SALBU RESEARCH AND DEVELOPMENT LIMITED		<input type="checkbox"/>
		JP 2003-514442 A (with counterpart WO 01/35585)	04/15/03	TELEFONAKTIEBOL AGET LM ERICSON		<input type="checkbox"/>
		WO 01/35585 (with counterpart JP 2003-514442)	05/17/01	TELEFONAKTIEBOL AGET LM ERICSON		<input type="checkbox"/>
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Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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(Use as many sheets as necessary)

SHEET 2 of 2

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First Named Inventor Hirokazu KOBAYASHI, et al.

Art Unit To Be Assigned

Examiner Name To Be Assigned

Attorney Docket No. MAT-8606US

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		International Search Report for PCT/JP2003/012950, dated January 27, 2004.	<input type="checkbox"/>
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<sup>1</sup>Applicant's unique citation designation number (optional).

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